

June 2009
2008/2009 Water Quality Report
for
East New Market, Maryland

We are pleased to provide you with this years, Annual Quality Water Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is obtained from the Choptank Aquifer. We are presently operating on well number one due to the fact that well number two has Arsenic levels greater than 1/23/06 standard of 10 parts per Billion. The town is in the process of applying for a permit two get new wells to replace well number two. We hope to be able to start work on driving these wells into the Choptank Aquifer very soon.

As water travels underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. Therefore all sources of drinking water are subject to potential contamination by substances that are both naturally occurring and man made. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate the water poses a health risk. More information about contaminant and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at (1-800-426-4791).

East New Market's water is routinely monitored for constituents in its drinking water according to Federal and State laws. During 2008, monitoring returned the results as shown on the following table. We also do routine monthly Bacteria Monitoring, which have all came back from the laboratory as negative.

Inorganic Chemicals Tested For:

Contaminant	Detected Level	MCLG (mg/L)	MCL (mg/L)	Potential Health Effects from Ingestion of Water	Sources of Contaminant in Drinking Water
Copper	0.06	1.3	Action Level=1.3	Short term exposure: Gastrointestinal distress Long term exposure: Liver or kidney damage People with Wilson's Disease should consult their personal doctor if the amount of copper in their water exceeds the action level	Corrosion of household plumbing systems; erosion of natural deposits

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Lead	Zero	Zero	Action Level=0.015	Infants and children: Delays in physical or mental development; children could show slight deficits in attention span and learning abilities Adults: Kidney problems; high blood pressure	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate (measured as Nitrogen)	1.0	10	10	Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

Definitions:

Maximum Contaminant Level (MCL) - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards.

Maximum Contaminant Level Goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.

Units are in milligrams per liter (mg/L) unless otherwise noted. Milligrams per liter are equivalent to parts per million.

As you can see from the above table, East New Market is well within MCL (Maximum Contaminant Level) levels as established by the Federal Government for those Chemicals that were tested for.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone transplants, people with HIV/AIDS or other immune disorders, some elderly, and infants can be particularly at risk from infections. These people, if they have any concerns, should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

If you have any questions about this report or concerns about the water system, please contact Gordon Heck at (410) 943-3640, or the Town Office from 10AM to 2PM Monday through Friday at (410) 943-8112. We want our customers to be informed about their water utility, if you want to learn more, please feel free to attend any of our Town's regular scheduled meetings. They are held on the second Tuesday of the month, 7:30 P.M. at "The Trading Post" 10 Academy Street, East New Market.

We at East New Market work to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which is the lifeline of our community, our way of life and our children's future.